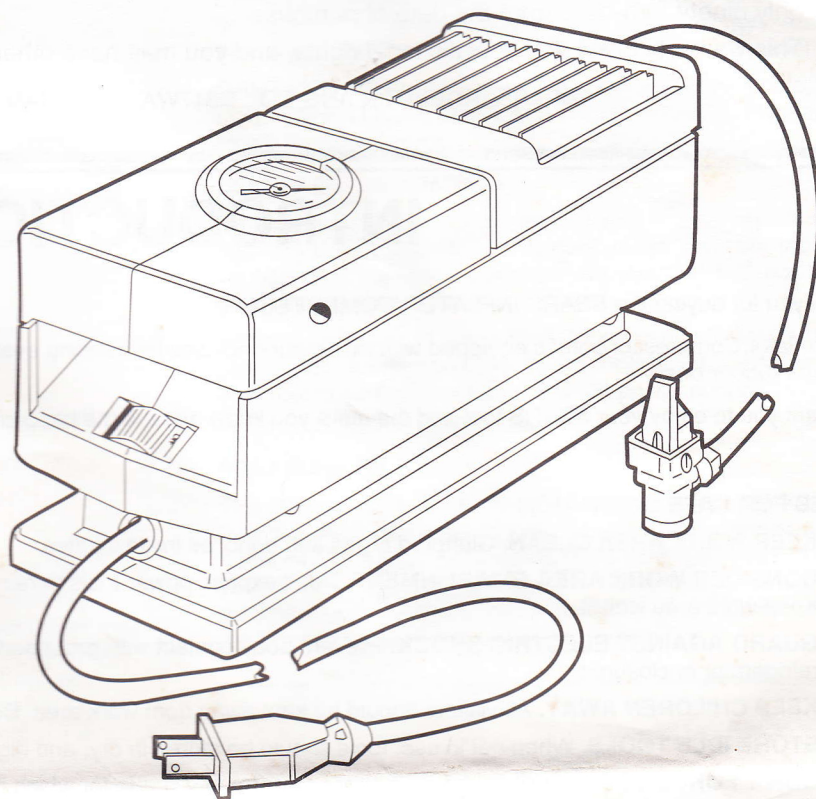


SEARS

INSTRUCTION MANUAL

MODEL NO.
900.150350

CAUTION:
Read Rules for
Safe Operation
and Instructions
Carefully



Inflator/Compressor

Introduction

Operation

Maintenance

Repair Parts

FULL ONE YEAR WARRANTY ON SEARS AIR INFLATOR/COMPRESSOR

If this Sears Air Inflator/Compressor fails to give complete satisfaction within one year from date of purchase, return it to any Sears store in the United States and Sears will repair or replace it, free of charge.

If this Sears Air Inflator/Compressor is used for commercial or rental purposes, the warranty applies for only ninety (90) days from the date of purchase.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

SEARS, ROEBUCK AND CO., D817WA, HOFFMAN ESTATES, IL 60179

INTRODUCTION

Thank you for buying the SEARS INFLATOR/COMPRESSOR.

Your Inflator/Compressor comes equipped with two inflator nozzles for inflating everything from bicycle tires and volleyballs to car tires and rubber boats.

We want you to enjoy your SEARS tool and the more you know about it the happier you'll be. Please take a few minutes to read this manual.

RULES FOR SAFE OPERATION

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
2. **CONSIDER WORK AREA ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.
3. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
4. **KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Do not let visitors contact tool or extension cord.
5. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.
6. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
7. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended, for example, don't use circular saw for cutting tree limbs or logs.
8. **DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
9. **USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty.
10. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
11. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
12. **DON'T OVERREACH.** Keep proper footing and balance at all times.
13. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safe performance. Follow instructions for lubrication and changing accessories. Inspect tool cords periodically and if damaged have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
14. **DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
15. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
16. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
17. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
19. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service centers. Do not use tool if switch does not turn it on and off.
20. **DO NOT OPERATE** portable electric tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.

ADDITIONAL SAFETY RULES FOR INFLATORS

1. Inflate items only to their manufacturer's recommendations or less.
2. Do not leave inflator/compressor running unattended. It could burst tires or other items (Maximum Capacity-150 p.s.i.)
3. Never "horseplay". High pressure air is dangerous. Don't direct air-flow at yourself or others.
4. Never carry the inflator/compressor by the hose.
5. Operate only with the accessories included.
6. Turn off and unplug Inflator/Compressor when not in use.
7. Allow inflator/compressor to cool 30 minutes before storing away.

CLEANING PLASTIC PARTS

Turn OFF and unplug Inflator/Compressor.

Use only mild soap and a rag dampened with hot water to clean the plastic parts.

EXTENSION CORDS

Double insulated tools have 2 wire cords, and can be used with 2 wire or 3 wire extension cords. Only round jacketed extension cords should be used, and we recommend that they be listed by Underwriters Laboratories (U.L.). If the extension will be used outside, the cord must be suitable for outdoor use. Any cord marked as outdoor can also be used for indoor work. The letters "WA" on the cord jacket indicate that it is suitable for outdoor use.

An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety, and to prevent loss of power and overheating. The smaller the gauge number of the wire, the greater the capacity of the cable, that is 16 gauge has more capacity than 18 gauge. When using more than one extension cord to make up the total length, be sure each individual extension contains at least the minimum wire size.

To determine the minimum wire size required, refer to the chart below:

Before using an extension cord, inspect it for loose or exposed wires, damaged insulation, and defective fittings. Make any needed repairs or replace the cord if necessary, SEARS has extension cords available that are U.L. listed for outdoor use.

CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORDS

NAMEPLATE RATING-AMPS	TOTAL EXTENSION CORD LENGTH-FEET							
	25	50	75	100	125	150	175	200
0 - 10.0	18	18	16	16	14	14	12	12
10.1 - 13.0	16	16	14	14	14	12	12	12
13.1 - 15.0	14	14	12	12	12	12	12	—

DOUBLE-INSULATION

Your tool is DOUBLE-INSULATED to give you added safety. This means that it is constructed throughout with TWO separate "layers" of electrical insulation or one DOUBLE thickness of insulation between you and the tool's electrical system.

Tools built with this insulation system are not intended to be grounded. As a result, your tool is equipped with a two-prong plug which permits you to use any conventional 120 volt electrical outlet without concern for maintaining a ground connection.

NOTE: DOUBLE-INSULATION does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

CAUTION: When servicing Double-Insulated Tools, USE ONLY IDENTICAL REPLACEMENT PARTS. Replace or repair damaged cords.

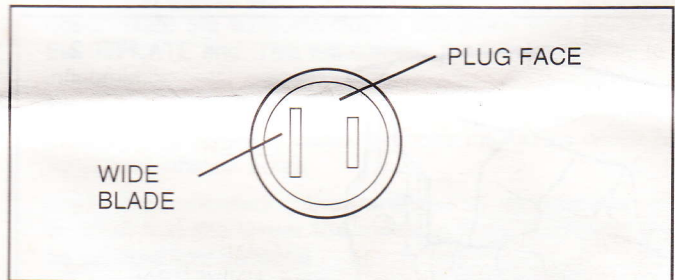
POWER REQUIREMENTS

Be sure your power supply agrees with the nameplate marking. 120 Volts 50/60 Hz or "AC only" mean that your tool must be operated with alternating current (Normal 120 volt house current) and never with direct current.

Voltage decrease of more than 10 percent will cause loss of power and overheating. All Sears tools are factory tested; if your tool does not operate, check the power supply.

POLARIZED PLUG

This product is supplied with a polarized plug (one blade is wider than the other as shown below). This plug will fit into a polarized outlet (receptacle) only one way. If the plug does not fit fully into your outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a proper polarized outlet. Do not modify or change this plug in any way.



SWITCH

The "OFF"- "ON" switch is located at the rear of the inflator/compressor just above the cord in the cavity that acts as a carrying handle. Figure 1. To turn the tool on, slide the switch to the right, exposing the word "ON". To turn it off, slide the switch to the left, exposing the word "OFF".

AIR HOSE AND UNIVERSAL VALVE ADAPTOR

Your inflator/compressor is provided with an 8' long hose and a permanently attached Universal Valve Adaptor.

Attach the hose by screwing the plastic threaded fitting into the hole in the ribbed end of the tool. (the end opposite the cord). AFTER RUNNING THE INFLATOR/COMPRESSOR IN A NON-PRESSURIZED CONDITION FOR ABOUT FIVE MINUTES, OBSERVE THAT THE HOSE FITTING HAS COME LOOSE. THIS IS A NORMAL OCCURRENCE AND, WHILE THE TOOL IS STILL WARM, YOU SHOULD TIGHTEN THE FITTING SNUGLY. **DO NOT OVERTIGHTEN PLASTIC THREADS.** AFTER THAT IT SHOULD NOT WORK LOOSE AGAIN. TO ASSURE A LEAK-FREE CONNECTION, WE RECOMMEND THE USE OF TEFLON® TAPE ON THE PLASTIC THREADS.

*Registered Trademark of The DuPont Company.

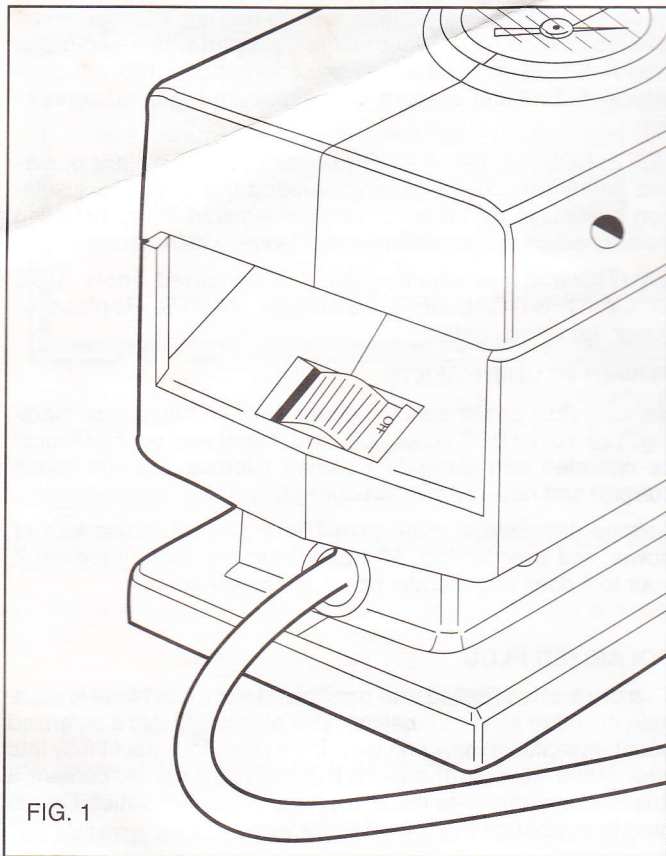


FIG. 1

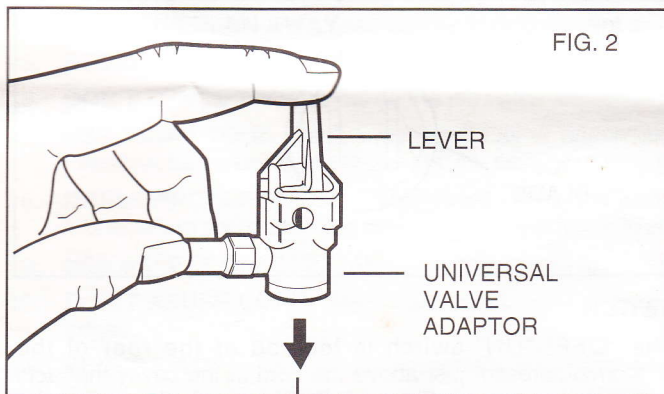


FIG. 2

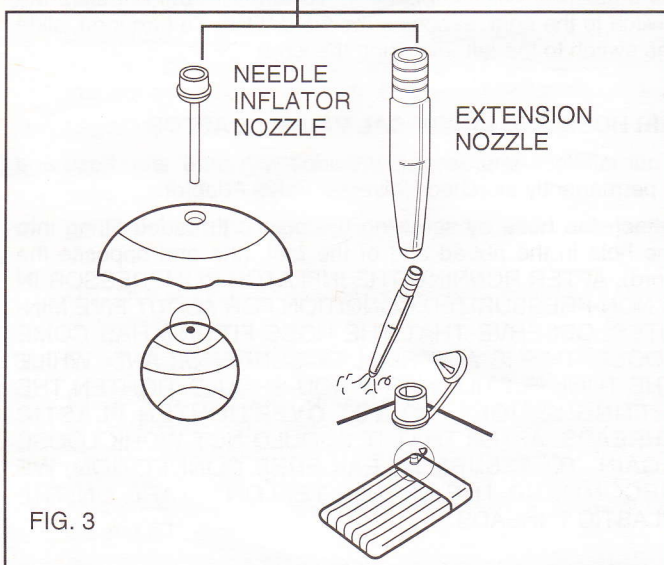


FIG. 3

To operate the valve adaptor, position the lever straight up as shown in Figure 2. Push the valve adaptor down over the threaded section of a tire valve, or one of the two accessories provided with your Inflator/Compressor as shown in Figures 3 & 4.

NOTE: The Extension Nozzle and the Needle Inflator Nozzle, in Figure 3, are provided with your tool. See Figure 5 for storage information for these items.

When the adaptor is down all the way, press the lever down with your thumb as shown in Figure 4. The adaptor is now locked in place. To release the adaptor, lift the lever straight up as shown in Figure 2. Operate your Inflator/Compressor only with the accessories included or with standard tire valves.

NOTE: Make sure that the Universal Valve Adaptor is firmly locked in place before turning the Inflator/Compressor on.

NOTE THAT LEVER IS PUSHED DOWN ON THE SAME SIDE OF THE ADAPTOR AS THE AIR HOSE. SEE FIGURE 4.

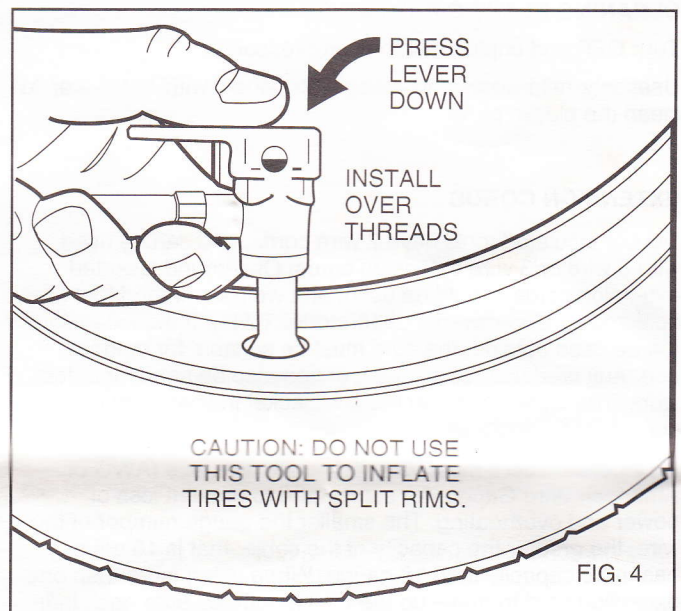


FIG. 4

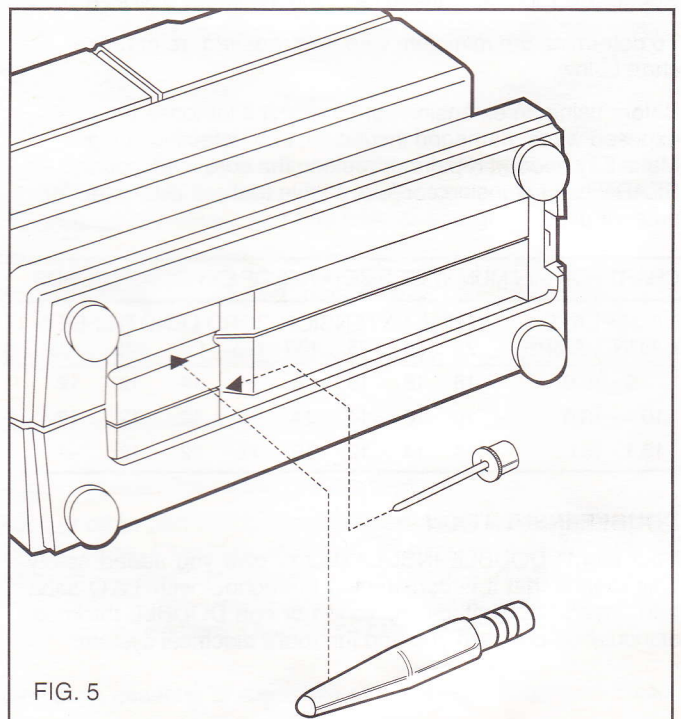
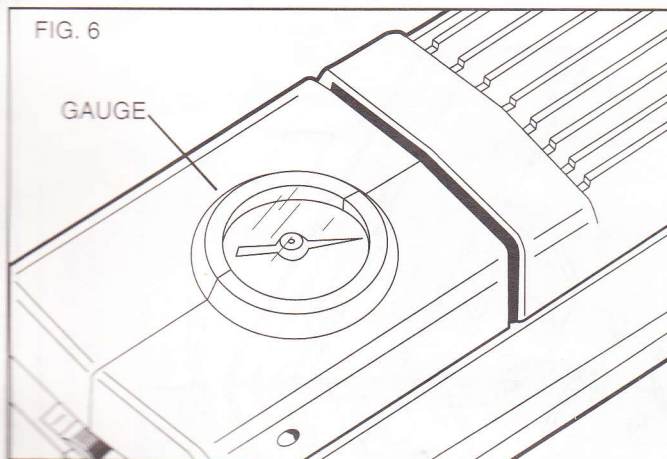


FIG. 5

PRESSURE GAUGE

Your Inflator/Compressor is equipped with a built-in pressure gauge that will give a pressure reading in P.S.I. (pounds per square inch). The gauge is located on the top of the Inflator/Compressor as shown in Figure 6. To obtain an accurate pressure measurement turn the inflator/compressor OFF when reading the gauge. This procedure will eliminate the effects of back pressure producing an inaccurate reading. The gauge has an accuracy of + or - 3% at any pressure reading.



ACCESSORIES

NOTE: The accessories supplied with your Inflator/Compressor are the only accessories recommended for use with this tool.

The accessories provided include the following:

1 Extension Nozzle

1 Needle Inflator Nozzle

#16035 High Flow Attachment Includes 4 nozzles.

Recommended accessories for your Inflator/Compressor are shown in this manual. The use of any other accessory or attachment might be hazardous.

IMPORTANT

To assure product SAFETY and RELIABILITY repairs, maintenance and adjustments should be performed by SEARS Service Centers or other qualified service organizations, always using SEARS replacement parts.

HIGH FLOW ATTACHMENT

(This attachment is not for use with automobile tires.)

Your High Flow Attachment is a great device when it comes to inflating or deflating air mattresses, small boats, inflatable toys and a host of other things that use a large volume of low pressure air.

NOTE: If your inflator is equipped with a built-in air pressure gauge, disregard the reading when using this device.

The High Flow Attachment is designed to take the air flow produced by your inflator and couple it with air drawn from outside to produce a flow of low pressure air that drastically reduces inflation times.

The High Flow Attachment comes with three nozzles of varying sizes and an enlargement collar to fit your inflatable needs.

Select the best fitting nozzle for your inflatable and install it on

the end of the High Flow Attachment that has the arrow, as shown in Figure 7. Use the enlargement collar with the largest nozzle when the air inlet of the inflatable is extra large.

The High Flow Attachment can be used without any of the accessory nozzles if the valve in the inflatable is large enough. Simply insert the output end (direction arrow toward inflatable) of the High Flow Attachment into the valve and inflate normally.

Install the output hose from your inflator on the side inlet tube (Fig. 7) of the High Flow Attachment. Align the dot on the back section of the High Flow Attachment with the word "INFLATE", as shown in Figure 8 (the rear section of the High Flow Attachment rotates). Insert the nozzle into your inflatable and turn on the inflator. In minutes you'll have a fully inflated air mattress, toy, or any other inflatable.

NOTE: Many inflatables, especially air mattresses, have an internal flap that prevents air loss during inflation. Unless this flap is displaced by the nozzle or end of the High Flow Attachment, the mattress will not inflate. Push the nozzle or end firmly into the valve to ensure that you push this flap out of the way.

The High Flow Attachment will also deflate items quickly and completely for easy storage. Simply remove and reverse the direction of the High Flow Attachment (AIR ALWAYS FLOWS IN THE DIRECTION OF THE ARROW). Rotate the rear section to align the dot with the word "DEFLATE", thus closing the windows shown in FIG. 8, and turn on your inflator. Make sure that you push the nozzle into the valve far enough to move the flap out of the way. Your inflatable will be completely emptied of air and ready for storage.

Hint: If you cannot get your inflatable firm enough to suite your need, rotate the windows closed and place your thumb over the DEFLATE end. This will connect the inflator directly to the inflatable.

NOTE: The smallest nozzle will not yield a much improved inflation time but is included for those inflatables which have very small inflation holes.

If you are considering the purchase of an inflatable, keep in mind that the larger the inflation hole, the faster it can be inflated and deflated.

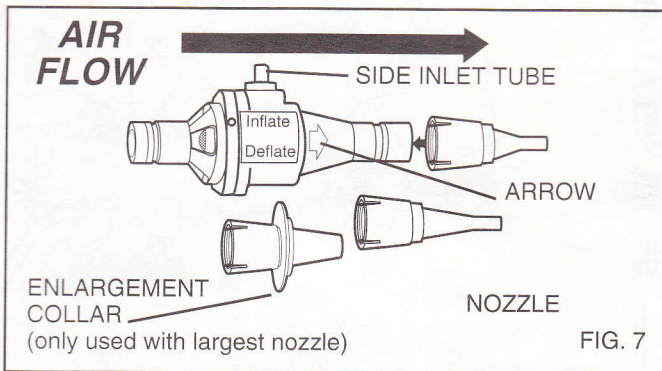


FIG. 7

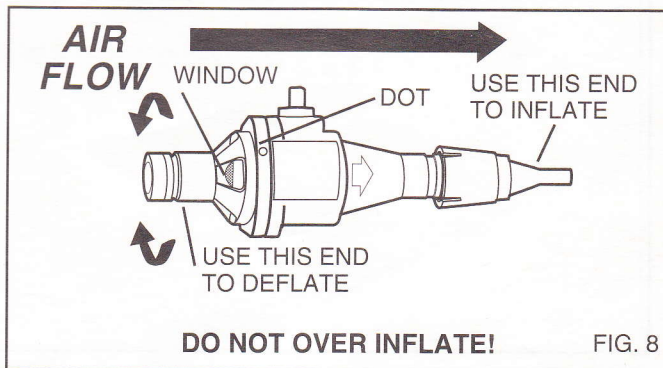
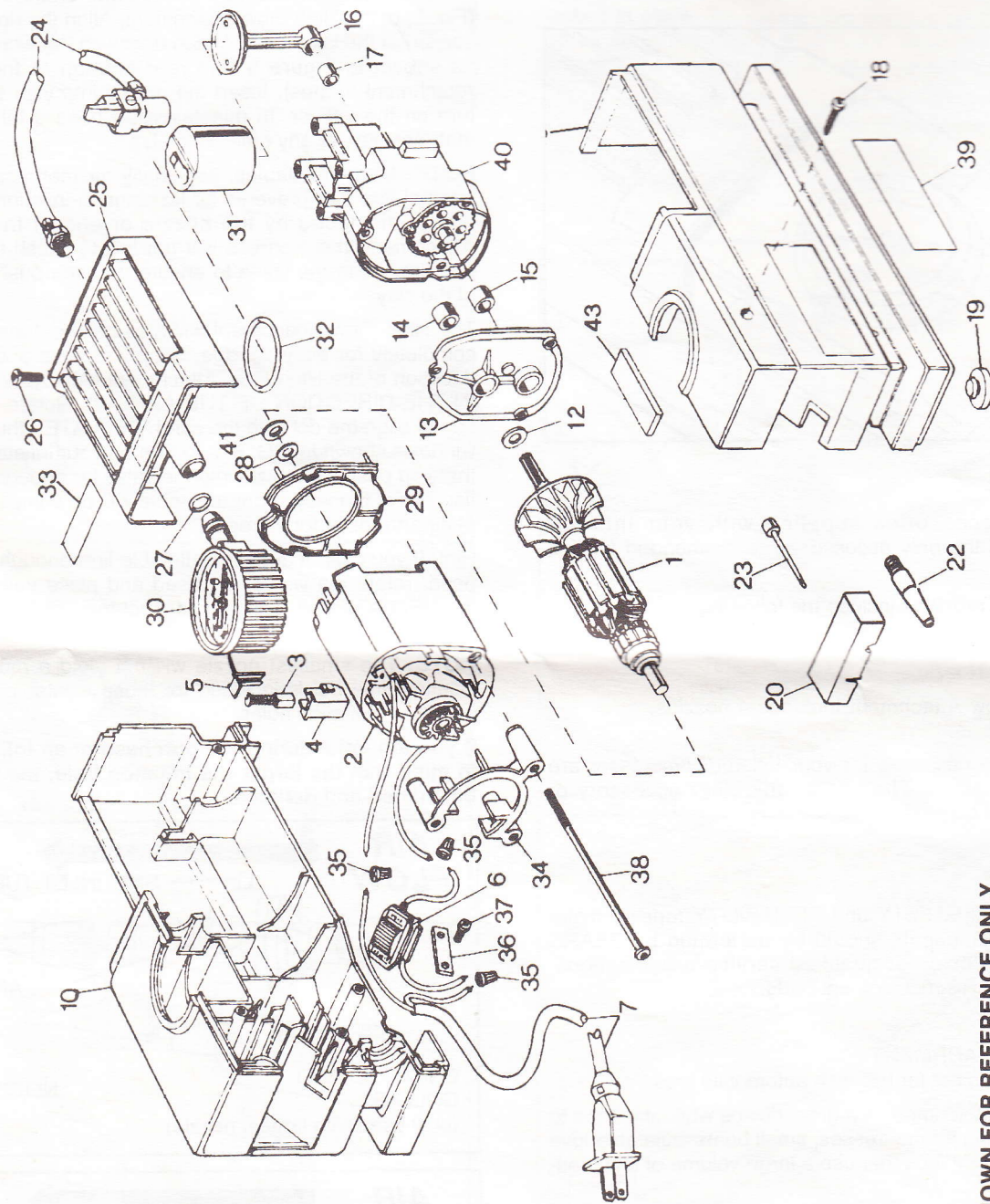


FIG. 8



PARTS SHOWN FOR REFERENCE ONLY

IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by Sears Service Centers or other qualified service organizations, always using Sears replacement parts.

SEARS INFLATOR/COMPRESSOR — MODEL NUMBER 900.150350

The Model Number will be found on a label attached to the housing. Always mention the Model Number in all correspondence regarding your Inflator/Compressor or when ordering repair parts.

SEE BACK PAGE FOR PARTS ORDERING INSTRUCTIONS.

PARTS LIST

(PARTS SHOWN FOR REFERENCE ONLY)

Index No.	Part No.	Description	Qty.
1	140643-31	Armature & Fan	1
2	141609-05	Field & Field Case	1
3	135948-03	Brush Assembly	2
4	136506-02	S/A Brush Holder (Incl. 3, 5)	2
5	85942-02	Brush Plate	2
6	144073-00	Switch	1
7	150115-00	Cord & Plug (18-2 SJT)	1
10	158456-01	Housing & Cover	1
12	37381-00	Fiber Washer	1
13	136639-00	Gear Case Cover (Incl. 14, 15)	1
14	85909-00	Sleeve Bearing	1
15	85908-00	Sleeve Bearing	1
16	144166-00	Piston (Incl. 17)	1
17	86901-00	Sleeve Bearing	1
18	91275-00	Plastite Screw	3
19	158415-00	Foot	4
20	158420-00	Holder	1
22	147650-00	Universal Nozzle	1
23	88849-00	Needle	1
24	143971-01	Hose Assembly	1
25	144442-02	Head	1
26	54745-00	Taptite Screw	4
27	61145-00	O Ring	1
28	85927-00	Spring Washer	1
29	85939-00	Fan Baffle	1
30	141261-03	Pressure Gauge	1
31	144445-00	Cylinder & Valve	1
32	144499-00	O Ring	1
33	149533-00	Warning Label	1
34	143303-01	End Cap	1

PARTS NOT SHOWN:
(supplied with unit)

158881-01 Instruction Manual

EXTRA EQUIPMENT:
(not supplied with unit)

143328-00 Connection Diagram

790206-00 Grease (6 oz.)

Ø NOTES:

10 Date code located on bottom front
of housing cover

40 Components not serviceable

LUBRICATION:

Place 1/4 oz. 790206-00 in gear case -
coat pinion and gear

INFLATOR COMPRESSOR

Model No.	Volts	Amps
900.150350	120	3.0
	AC only	

IMPORTANT!—To assure product
SAFETY and RELIABILITY, repairs,
maintenance and adjustment should
be performed by Sears Service Cen-
ters or other qualified service organ-
izations, always using Sears replace-
ment parts.



INSTRUCTION MANUAL

SERVICE

MODEL NO.
900.150350

HOW TO ORDER REPAIR PARTS

Inflator/Compressor

Now that you have purchased your Inflator/Compressor, should a need ever exist for repair parts or service, simply contact any Sears Service Center and most Sears, Roebuck and Co. stores.

Be sure to provide all pertinent facts when you call or visit.

The model number of your Inflator/Compressor will be found on the label attached to the housing.

IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by Sears Service Centers or other qualified service organizations, always using Sears replacement parts.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

MODEL NUMBER

900.150350

● PART DESCRIPTION

● NAME OF ITEM

Inflator/Compressor

All parts listed may be ordered from any Sears Service Center and most Sears stores.

If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for handling.